Case No.: 56381US006

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently amended) A microfibrillated article comprising an oriented aliphatic polyester film having a microfibrillated surface comprising microfibers of average effective diameter of 10 micrometers or less, a transverse aspect ratio of from 1.5:1 to 20:1 and a cross-sectional area of $0.05~\mu^2$ to $3.0~\mu^2$.
 - 2. (Cancelled) The microfibrillated article of claim 1, wherein said microfibers have a transverse aspect ratio of from 1.5:1 to 20:1.
- 3. (Cancelled) The microfibers of claim 1 having a cross-sectional area of 0.05 μ^2 to 3.0 μ^2 .
- 4. (Currently amended) The microfibrillated article microfibers of claim 1, wherein said microfibers have having a cross-sectional area of 0.1 μ^2 to 2.0 μ^2 .
- 5. (Currently amended) The microfibrillated article microfibers of claim 1, wherein said microfibers have a surface area of at least 0.25 m²/gram.
- 6. (Currently amended) The <u>microfibrillated</u> article microfibers of claim 1, <u>wherein said</u> microfibers comprise comprising bundles of unitary microfibrils.
- 7. (Currently amended) The <u>microfibrillated article</u> microfibers of claim 1 wherein said aliphatic polyester comprises a homo- and copolymers of poly(hydroxyalkanoate).
- 8. (Currently amended) The <u>microfibrillated article</u> <u>microfibers</u> of claim 1 wherein said aliphatic polyester is derived from the reaction product of one or more alkanediols with one or more alkanedicarboxylic acids.

Case No.: 56381US006

- 9. (Currently amended)The microfibrillated article microfibers of claim 1 9 wherein said aliphatic polyester is selected from polybutylenesuccinate homopolymer, polybutylene adipate homopolymer, polybutyleneadipate-succinate copolymer, polyethylenesuccinate-adipate copolymer, and polyethylene adipate homopolymer.
- 10. (Currently amended) The <u>microfibrillated article</u> <u>microfibers</u> of claim <u>7</u> 8 wherein said poly(hydroxyalkanoate)_is selected from the group consisting of polylactide, polydioxanone, polycaprolactone, poly(3-hydroxybutyrate), poly(3-hydroxyvalerate), polyglycolide and poly(oxyethylene glycolate).
- 11. (Currently amended) The microfibrillated article microfibers of claim 1, wherein said microfibers comprise comprising a blend of two or more aliphatic polyesters.
- 12. (Currently amended)The <u>microfibrillated article</u> microfibers of claim 1, wherein said microfibers are bioabsorbable.
- 13. (Currently amended)The microfibrillated article microfibers of claim 1, wherein said microfibers are biodegradable.
- 14. (Original) The microfibrillated article of claim 1, wherein said microfibrillated article comprises a film having at least one microfibrillated surface.
- 15. (Original) The microfibrillated article of claim 1, wherein said microfibrillated article comprises a film having two microfibrillated surfaces.
- 16. (Original) The microfibrillated article of claim 1, wherein said microfibrillated article comprises a film having a microfibrillated morphology through the thickness of the film.

Case No.: 56381US006

- 17. (Original) The microfibrillated article of claim 1 having a depth of microfibrillation of 10 microns or greater.
- 18. (Original) A process for preparing the microfibrillated article of claim 1 comprising the steps of:
 - (a) providing an aliphatic polyester film;
 - (b) stretching said film to impart a microvoided and microfibrillar morphology thereto; and
 - (c) microfibrillating said film by imparting sufficient fluid energy thereto.
- 19. (Original) The process of claim 18 wherein fluid energy is imparted with a high-pressure fluid.
- 20. (Original) The process of claim 18 wherein said step of microfibrillating comprises subjecting said film to cavitation energy while immersed in a fluid.
- 21. (Original) The process of claim 18 wherein said step of microfibrillating comprises contacting the film with one or more high-pressure fluid jets.
- 22. (Original) The process of claim 18 wherein said highly oriented polymer film is prepared by the steps of
 - (a) extruding a melt-processible aliphatic polyester;
 - (b) casting said polyester so as form a substantially amorphous film.
- 23. (Original) The process of claim 18 wherein said stretching imposes a stress on said film, wherein said stretching is performed under conditions of plastic flow exceeding the ability of said film to conform to said imposed strain.
- 24. (Original) The process of claim 18 wherein said polymer is stretched at a total draw ratio of greater than 6:1 to produce a highly oriented film having a plurality of microvoids.

Case No.: 56381US006

- 25. (Original) The process of claim 18 wherein said aliphatic polyester film comprises void-initiating particles dispersed in the film.
- 26. (Original) The process of claim 18 wherein said film is oriented to a total draw ratio of greater than 6:1.
- 27. (Original) The process of claim 18 wherein said film is length oriented greater than 6:1 and transversely oriented less than 2:1.
- 28. (Original) The process of claim 18 wherein said film is sequentially oriented at a first temperature above the T_g of the aliphatic polyester and then stretched at a second temperature at least 20° C above that of the first temperature.
- 29. (Original) The process of claim 28 wherein said film is sequentially oriented at a first draw ratio of 4:1 to 6:1 and then a second draw ratio of 1.5:1 to 3:1.